



Inventor: OGAWA et al.
Docket No.: 10921.217US01
Title: LINEAR MOVING MECHANISM AND TRANSFER ROBOT USING THE SAME
Serial No.: 10/825,267
Sheet 1 of 34

FIG.1

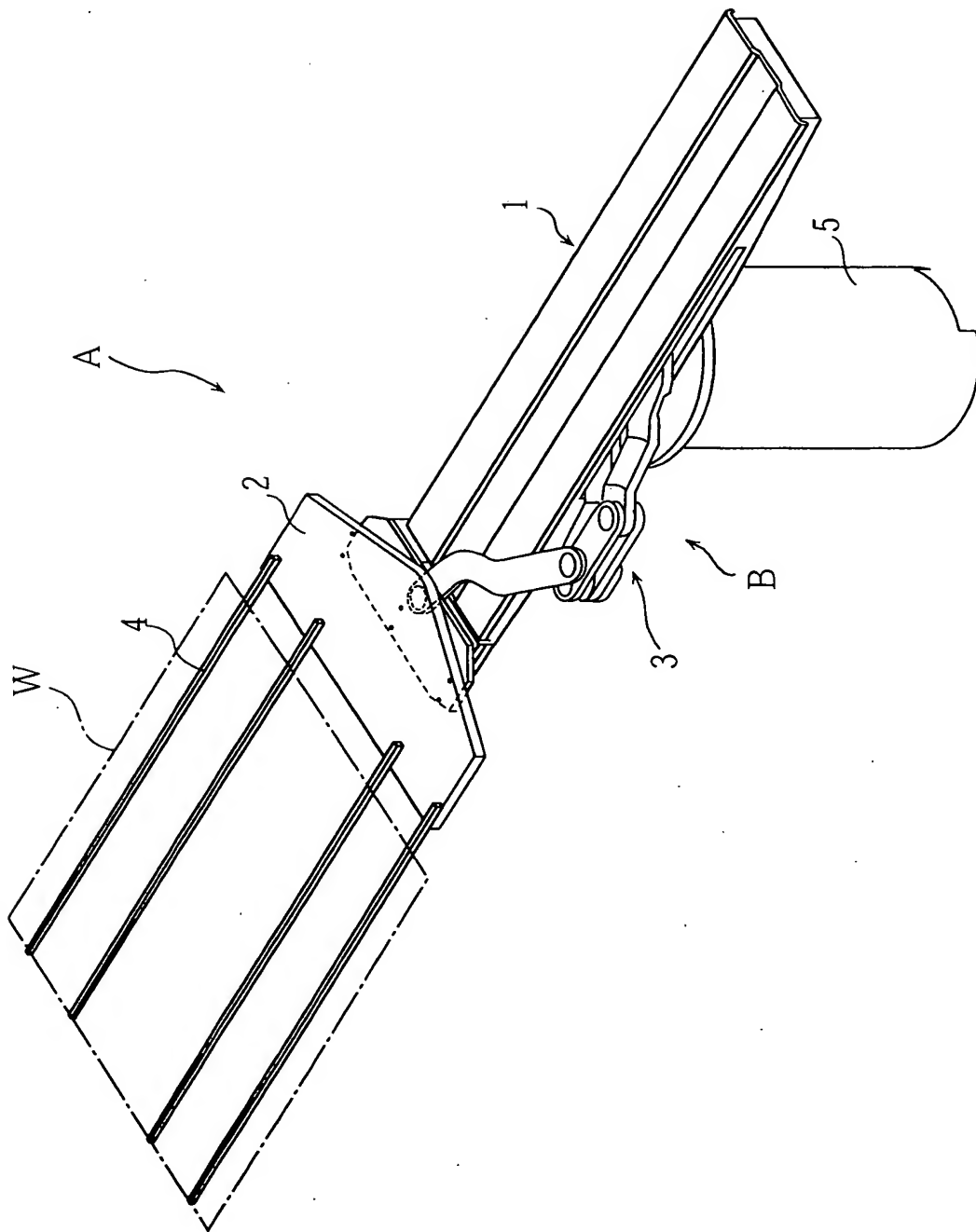


FIG.3

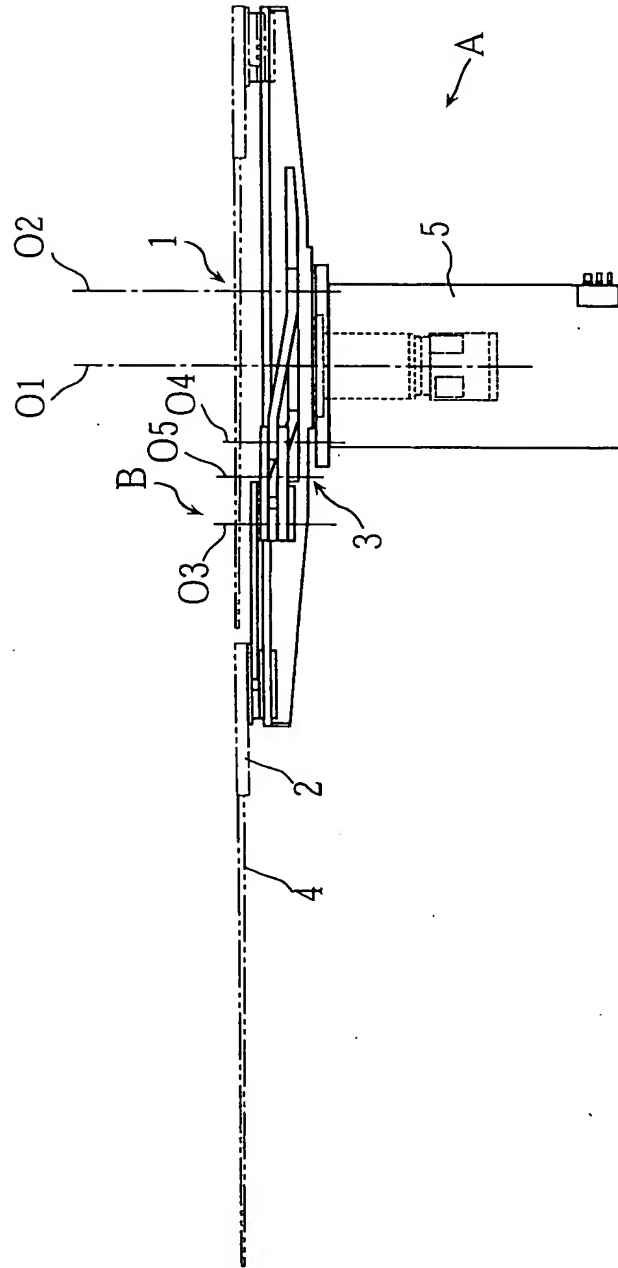


FIG. 4

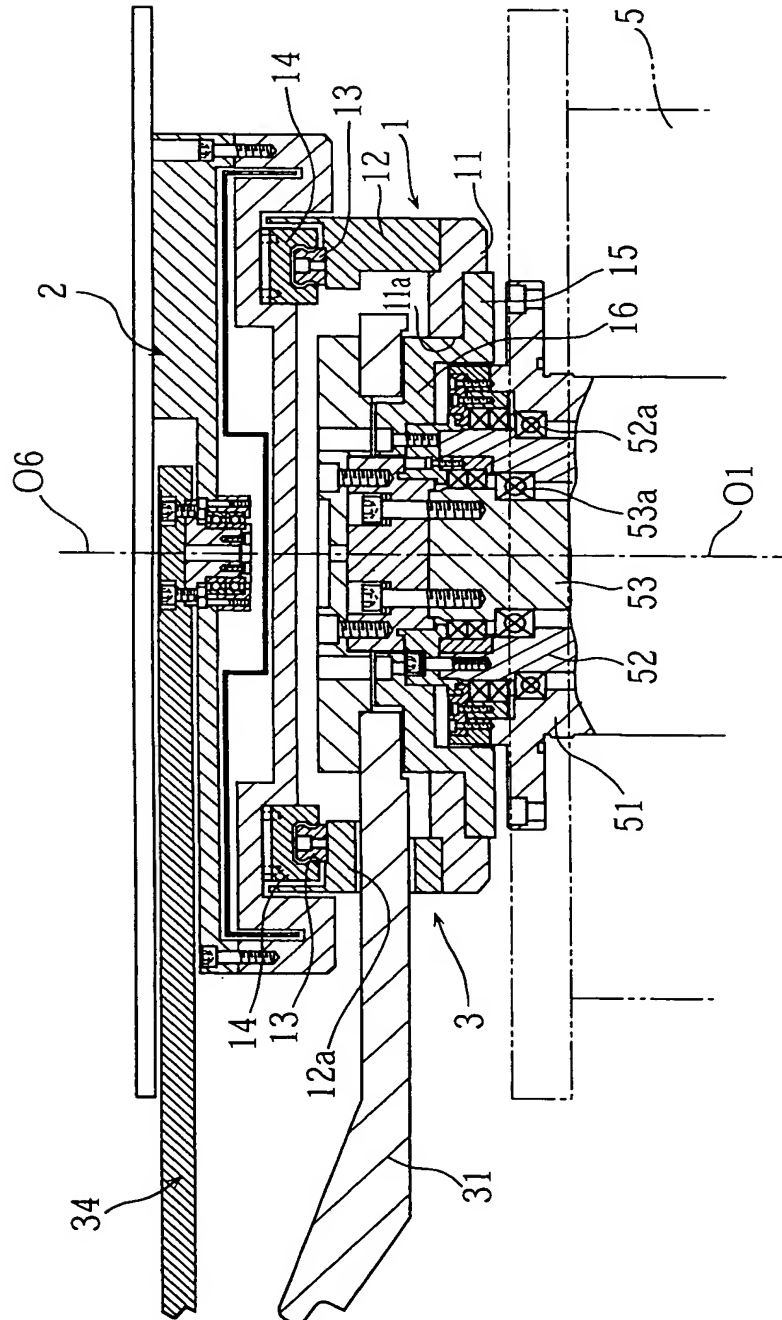
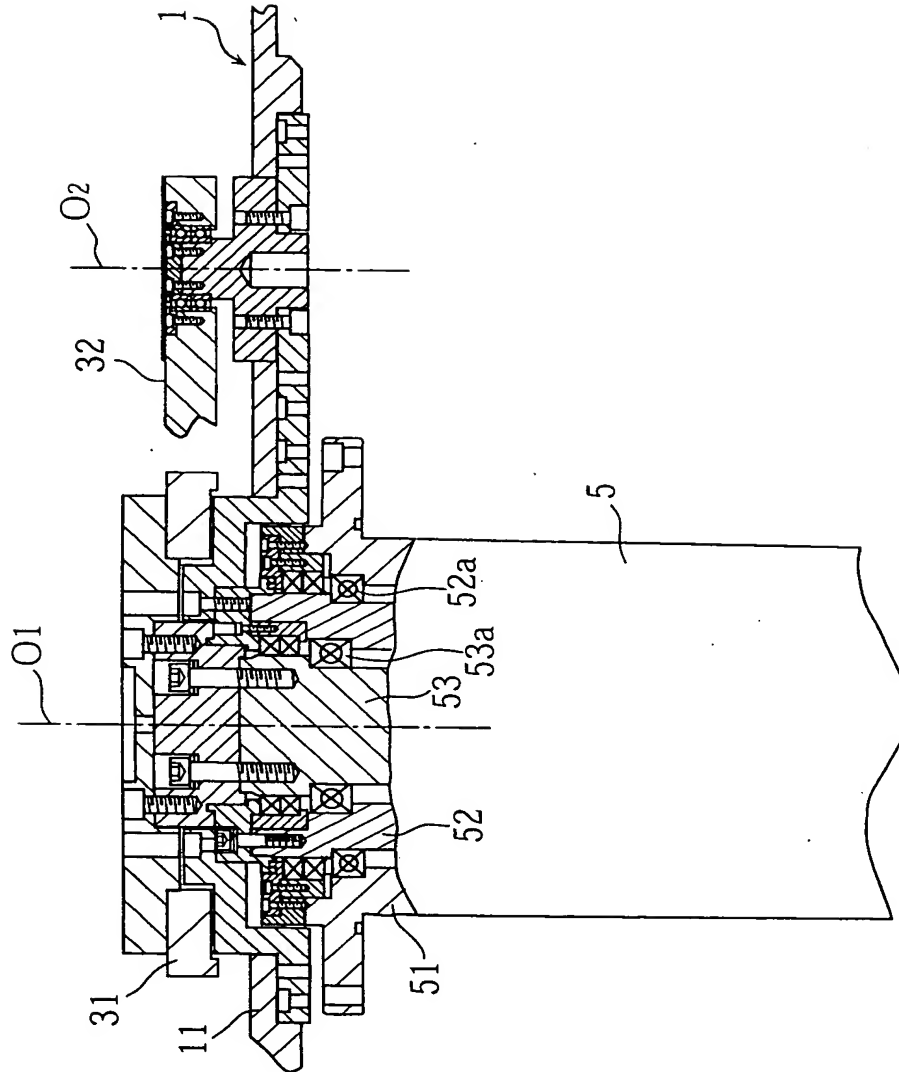


FIG.5



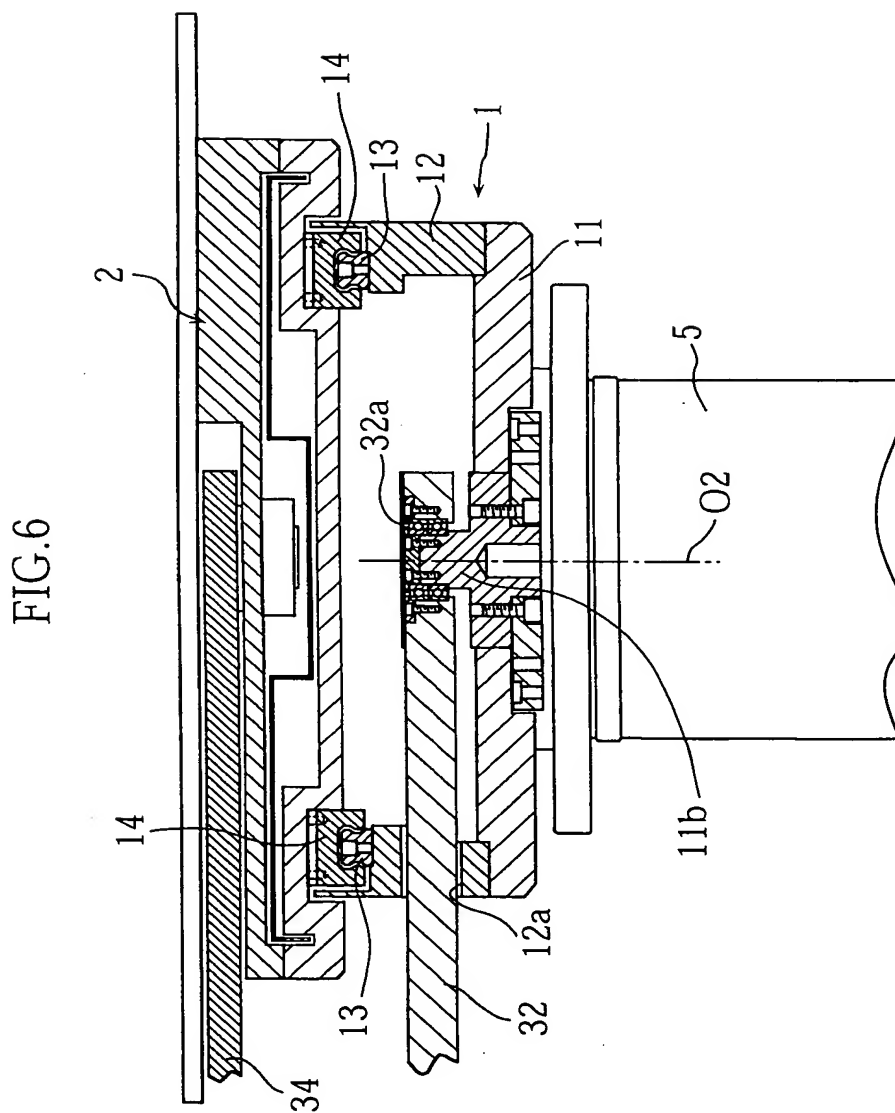


FIG. 7

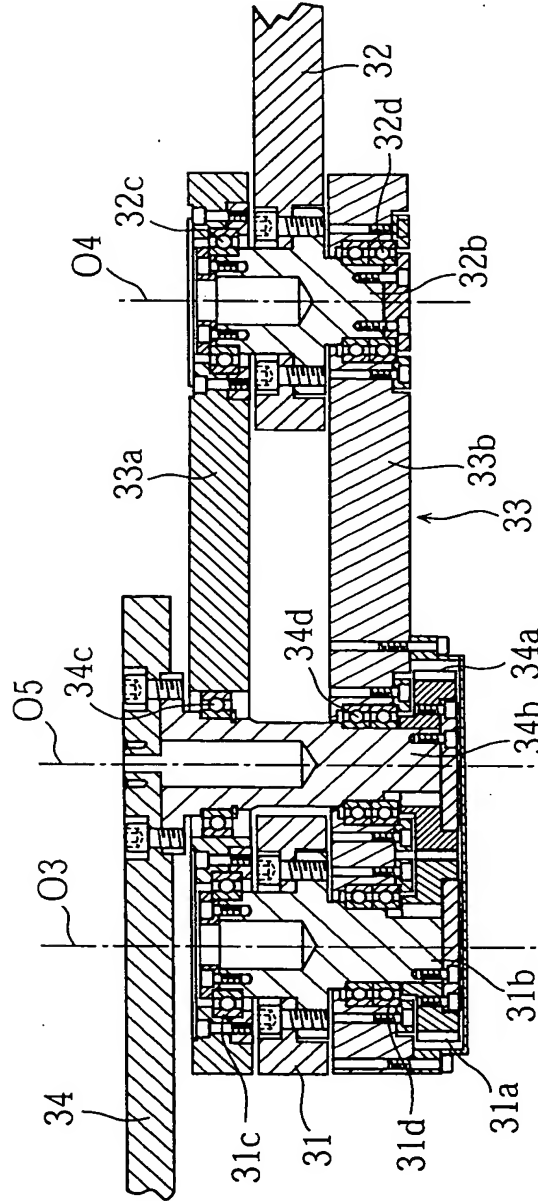


FIG.8

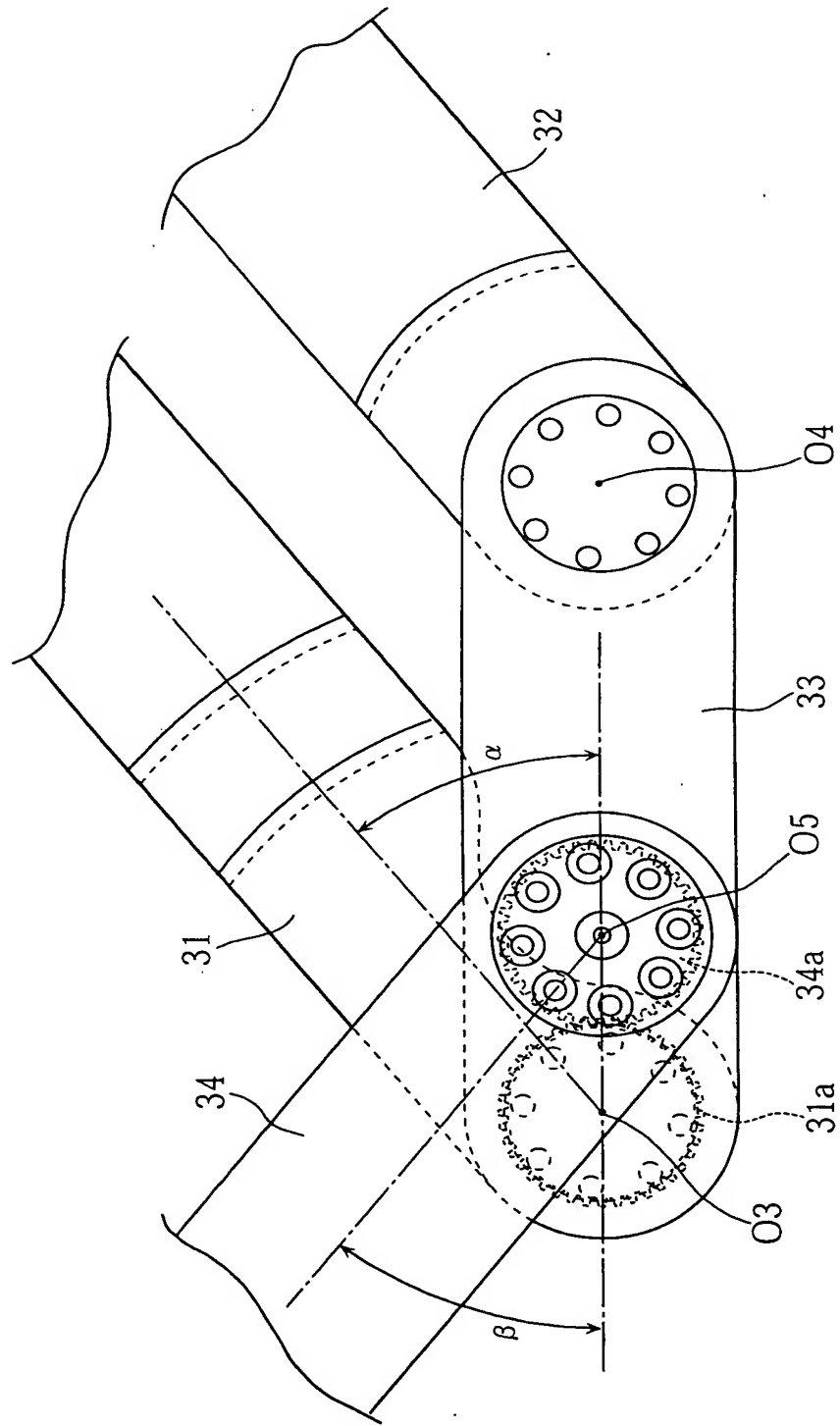


FIG. 9

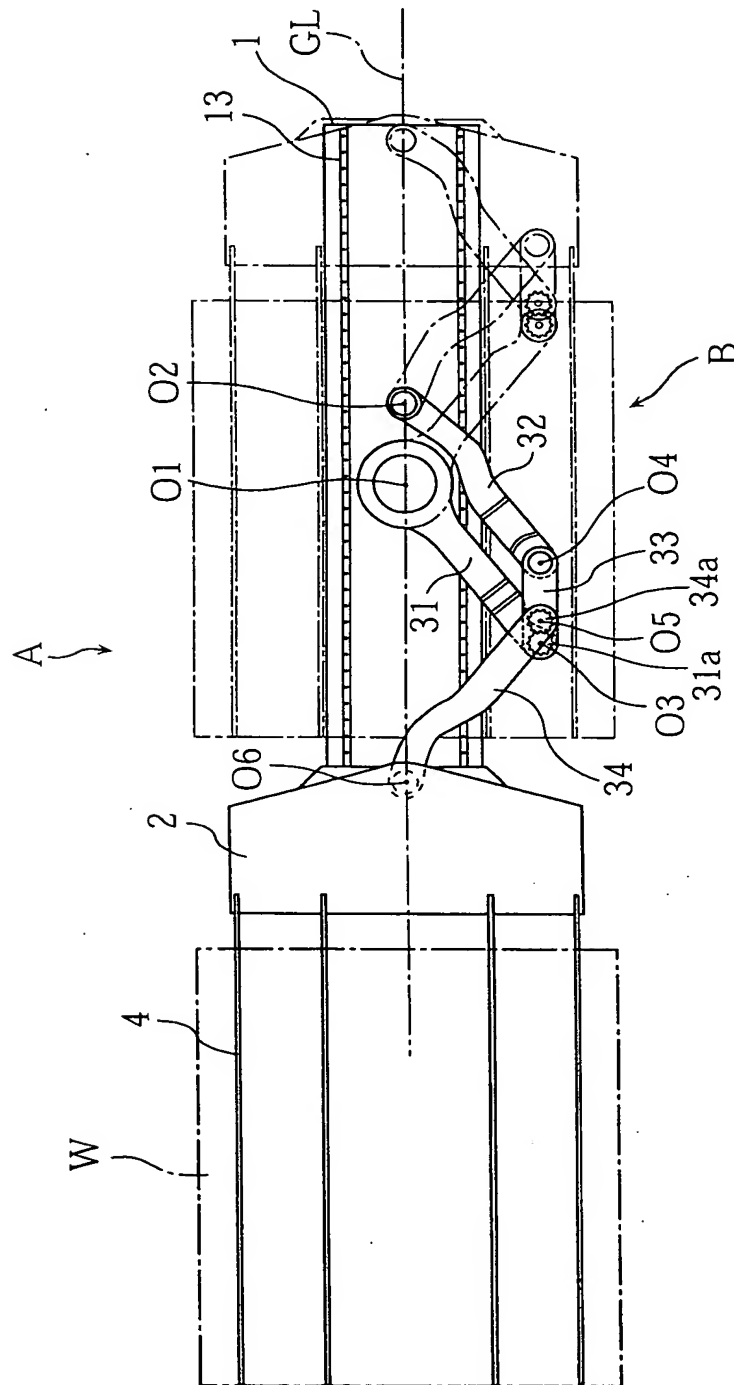
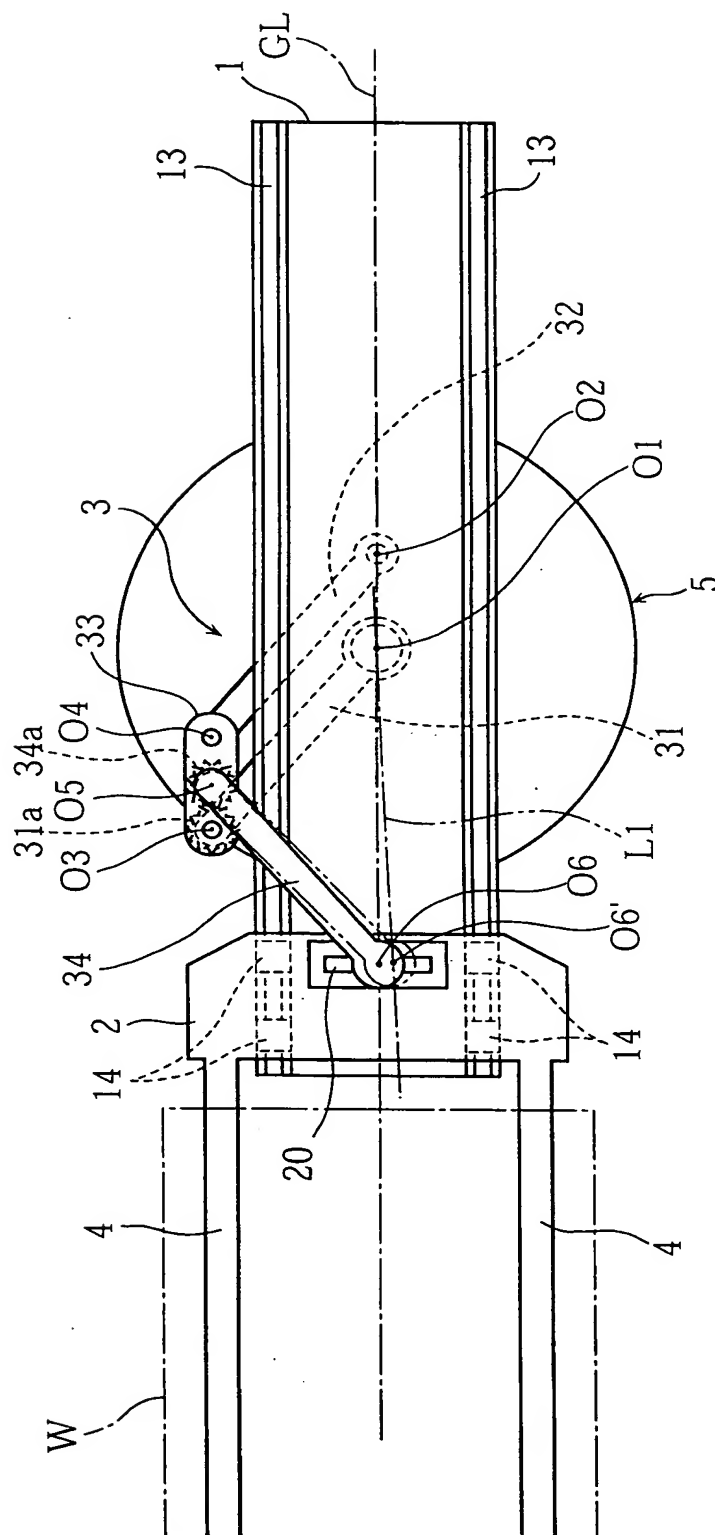


FIG. 10



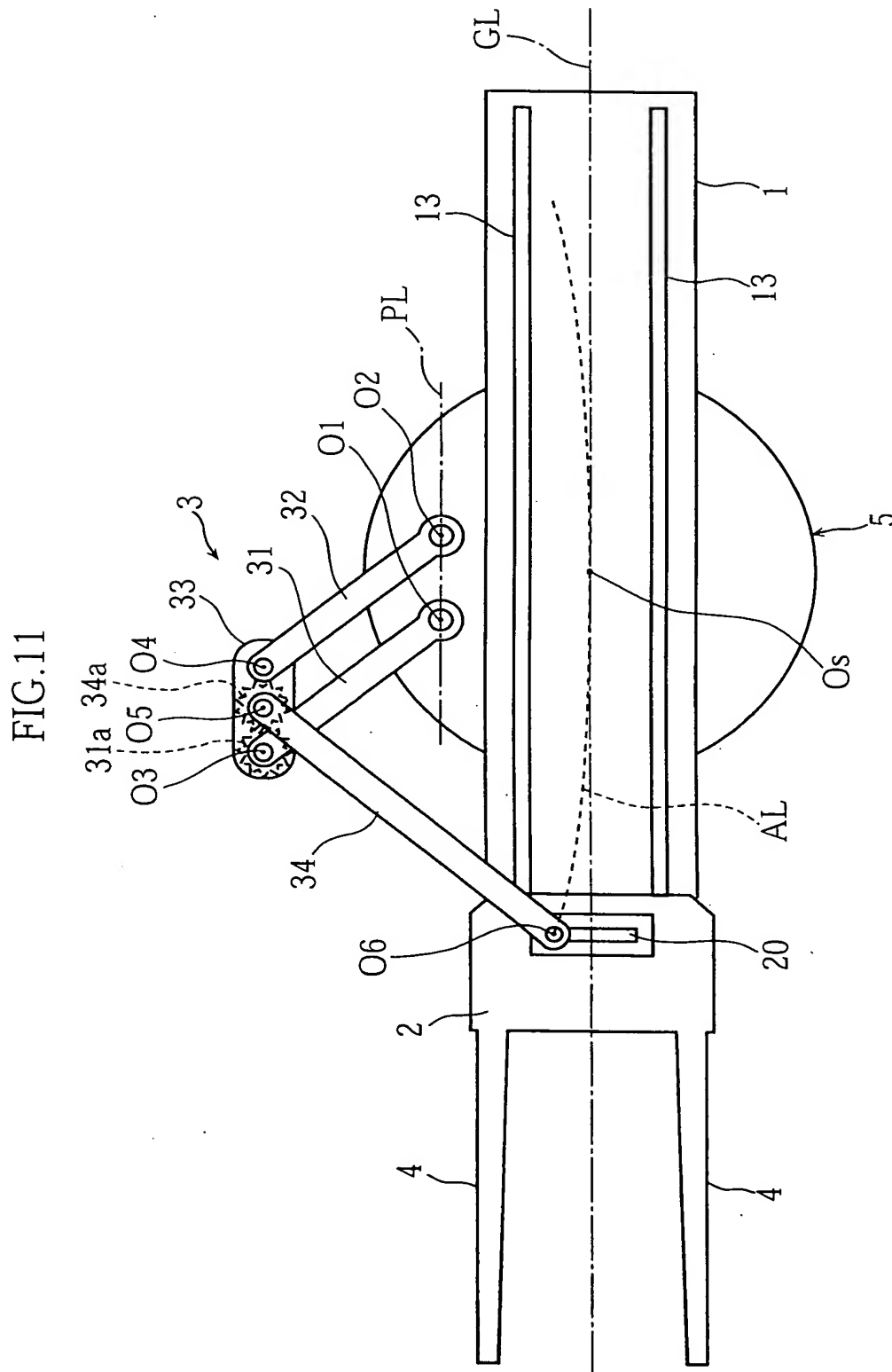


FIG.12

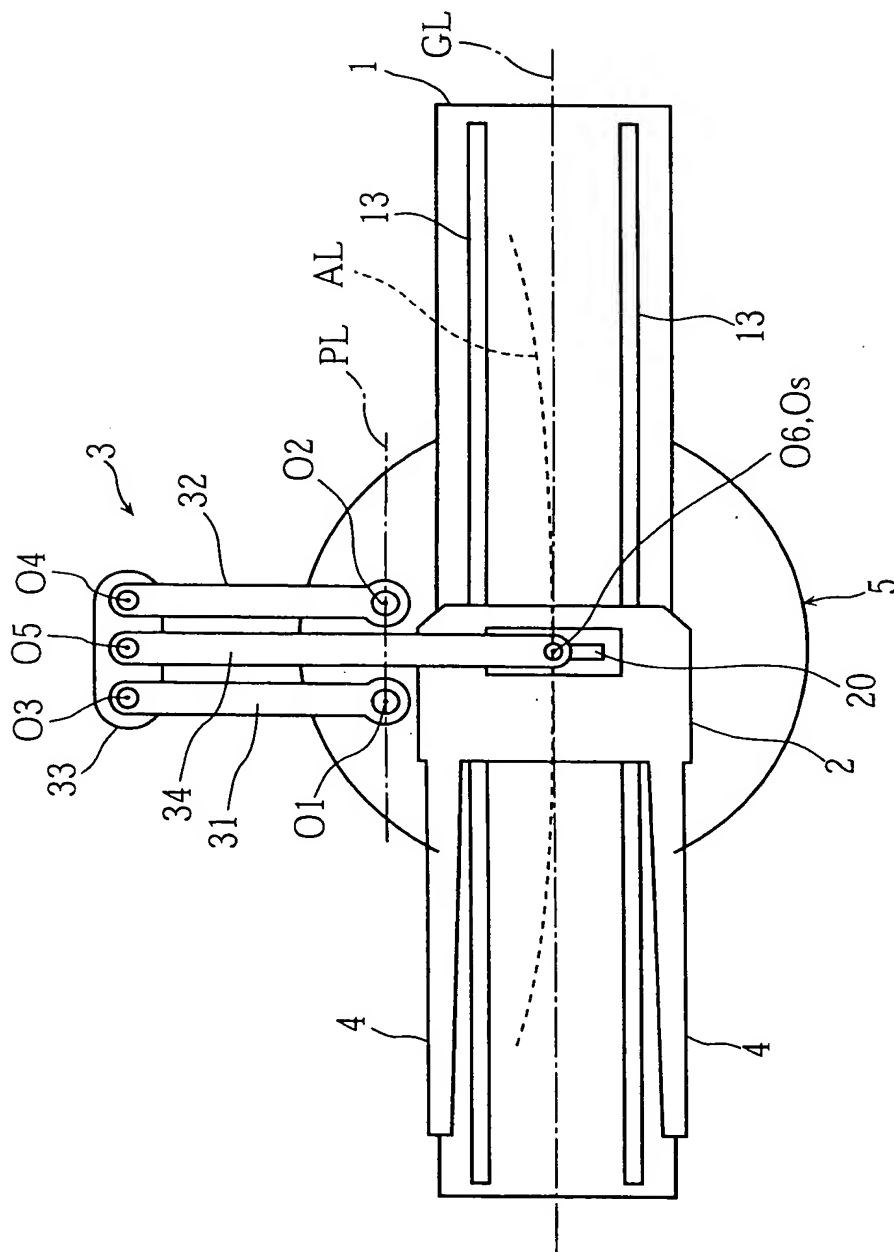


FIG. 13

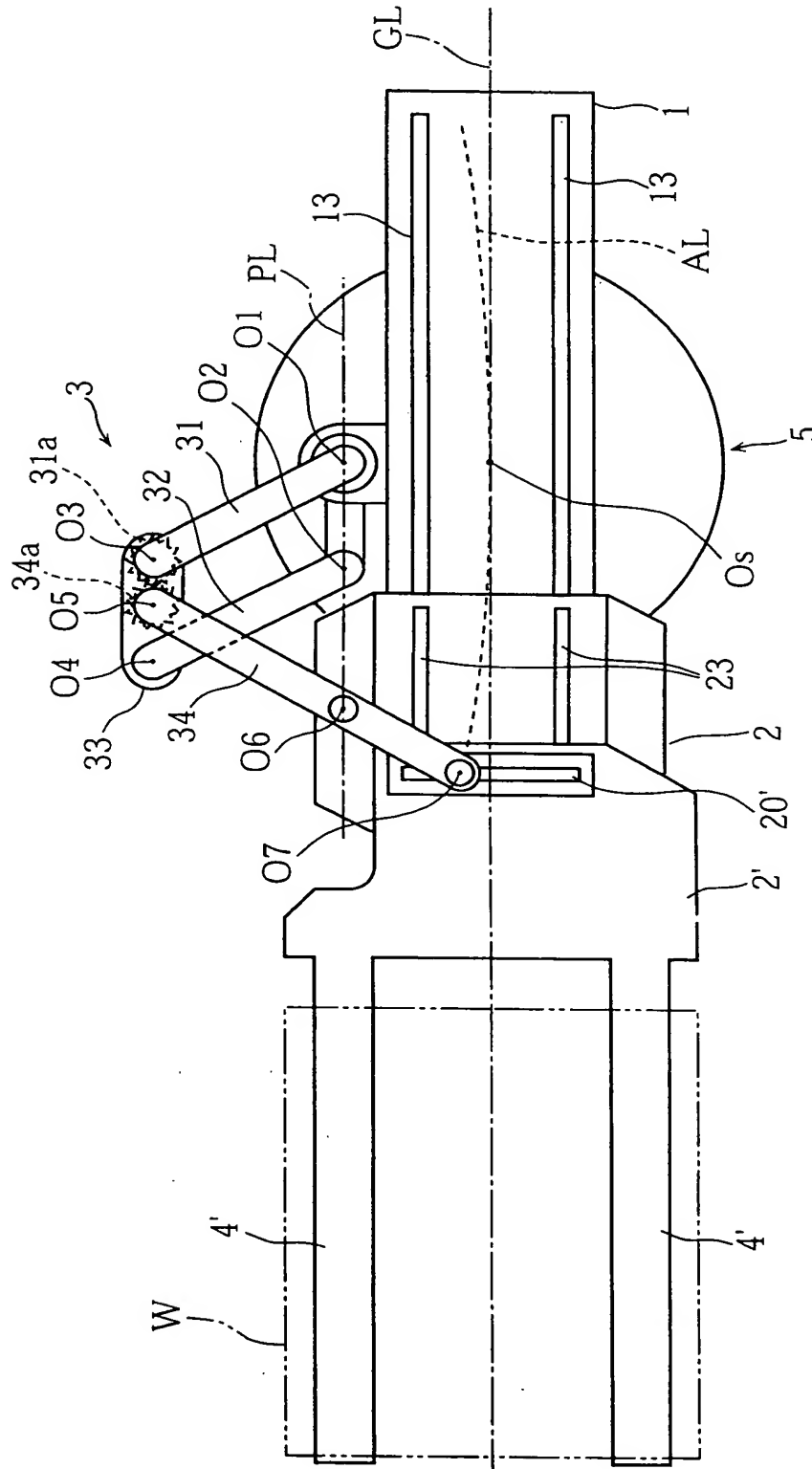


FIG. 14

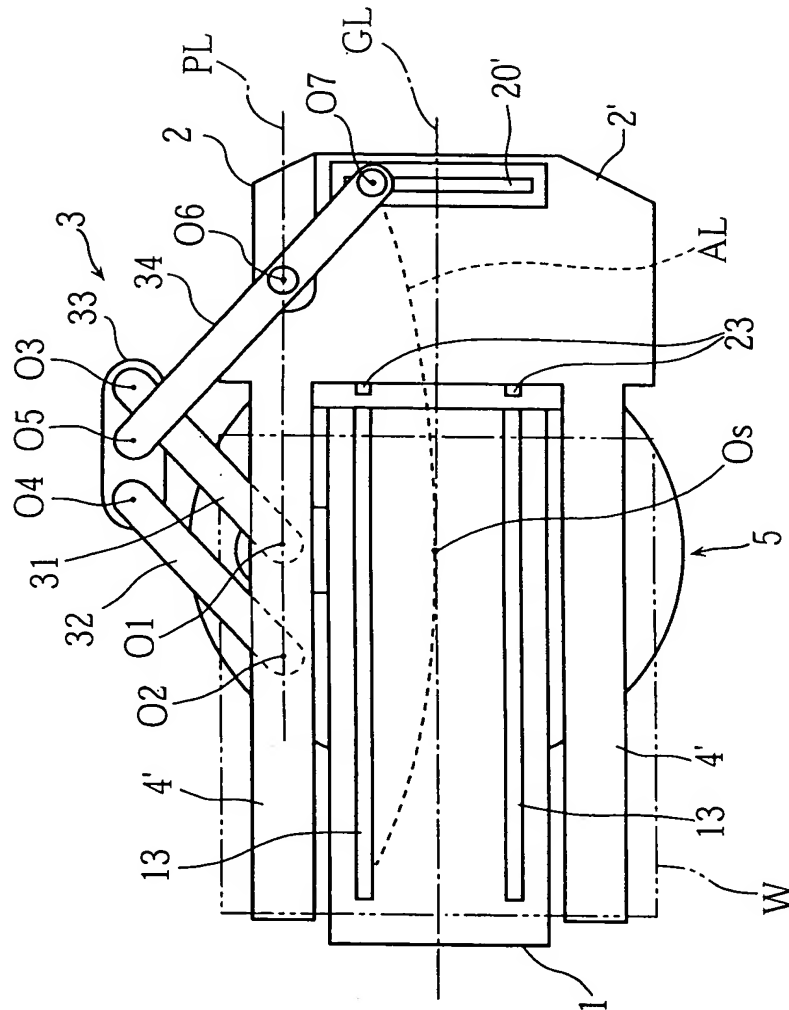
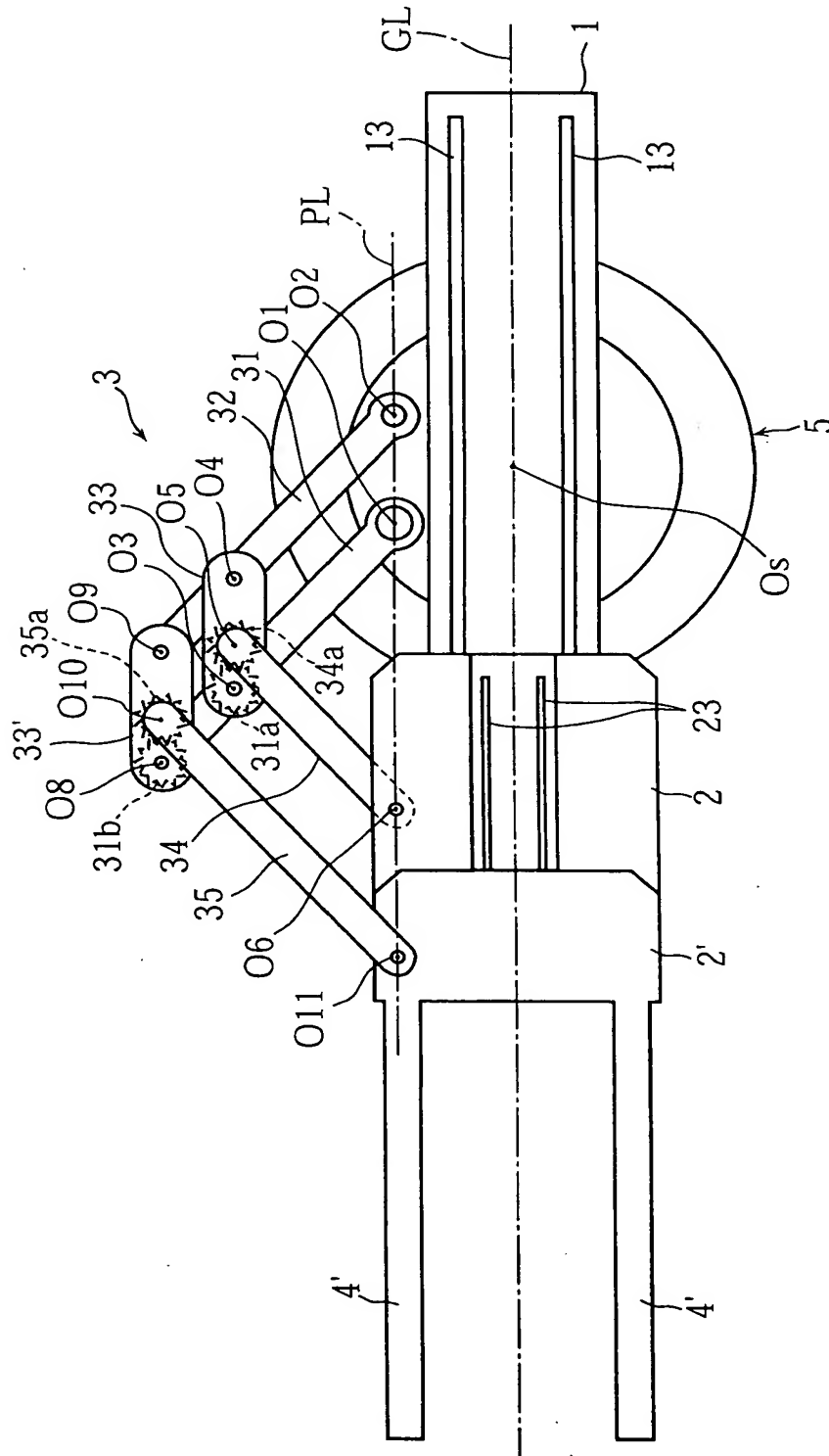


FIG.15



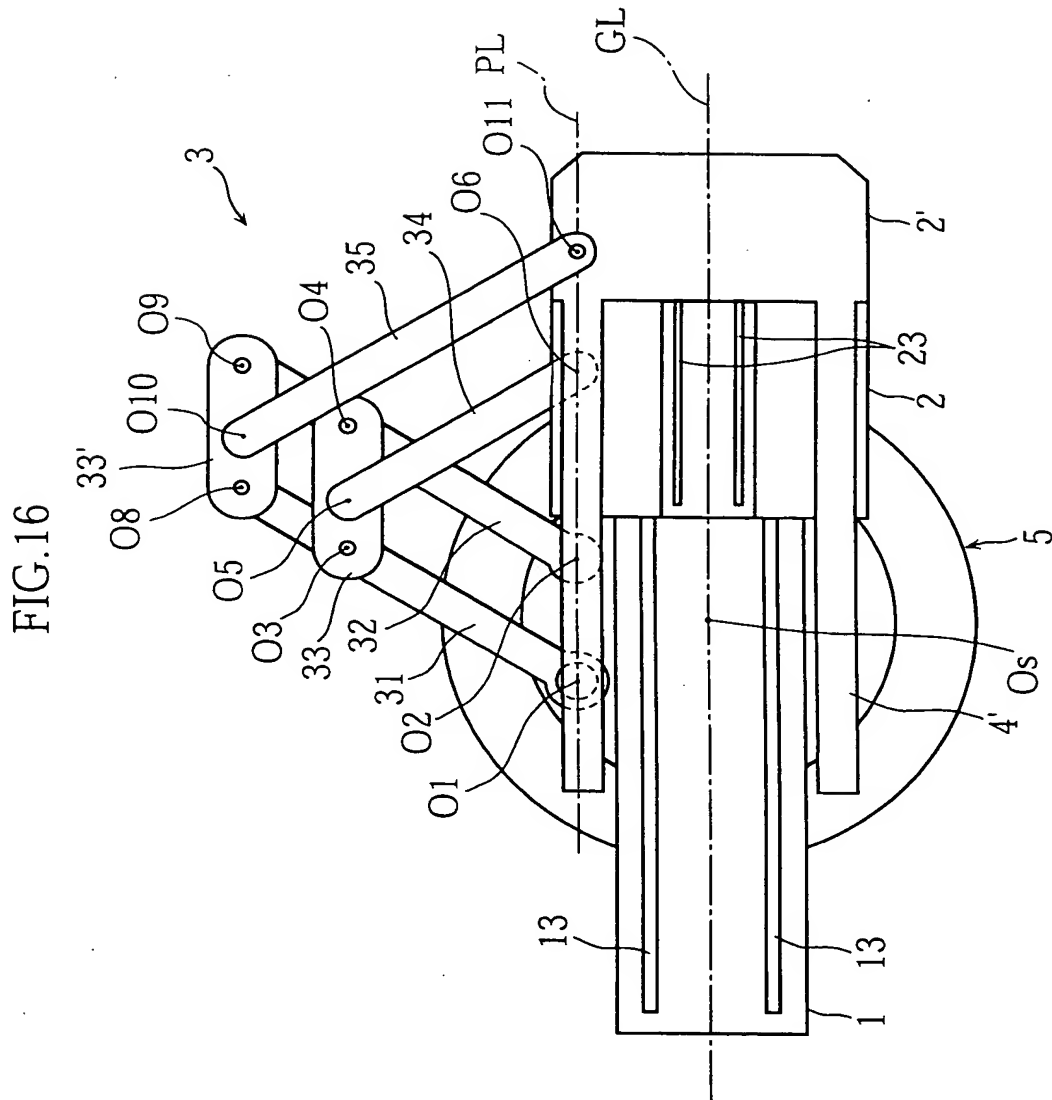
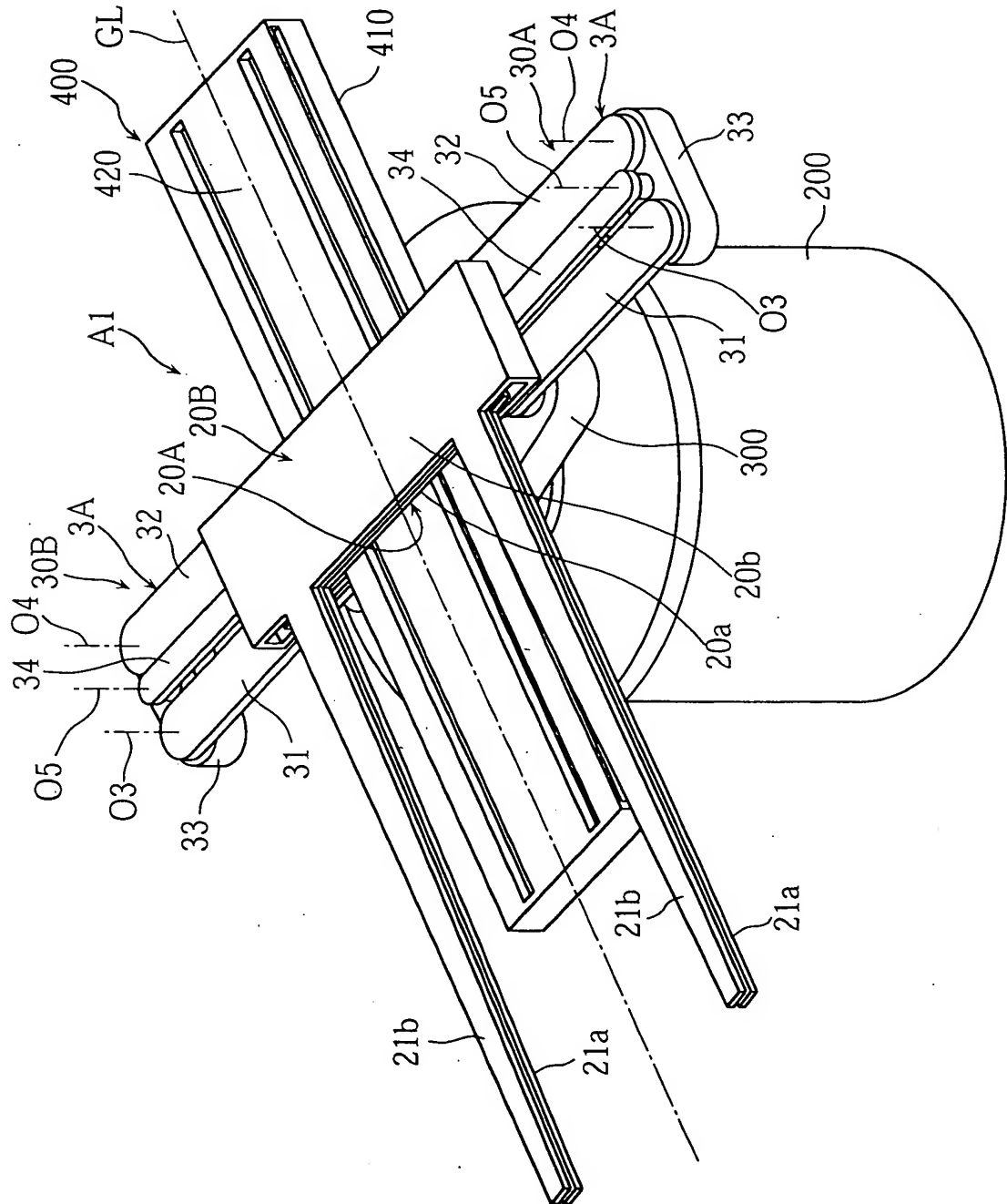
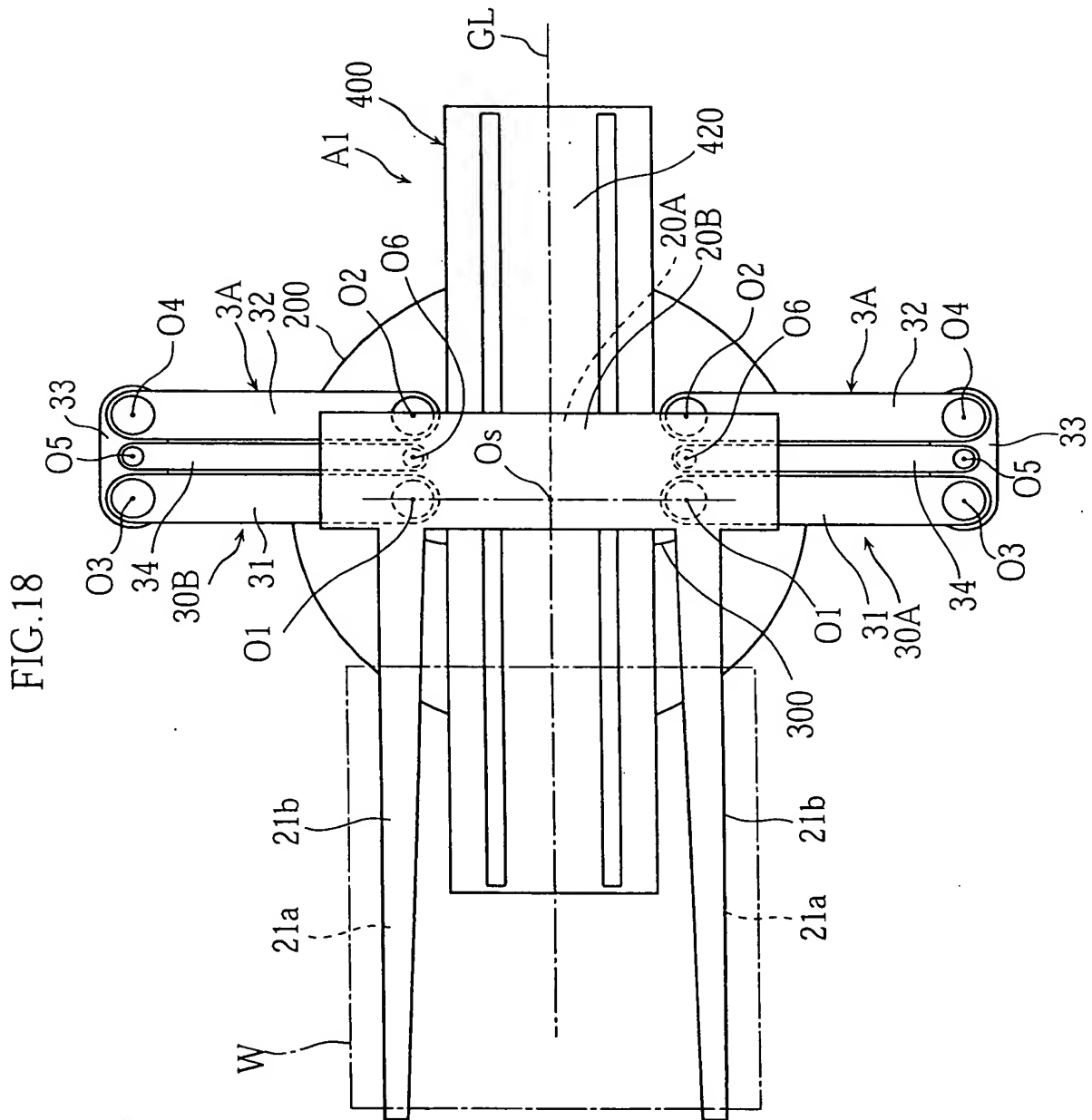


FIG.17





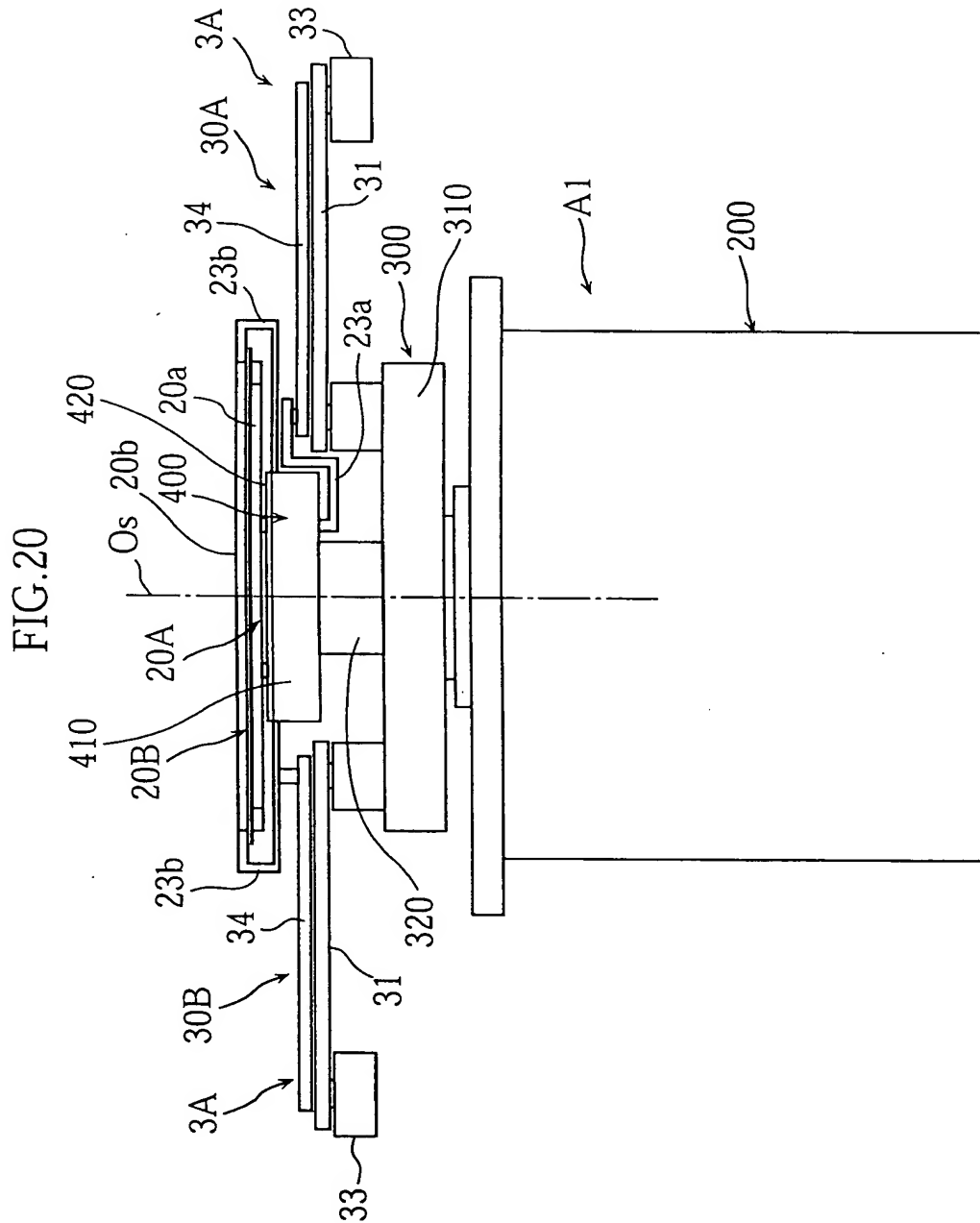


FIG. 21

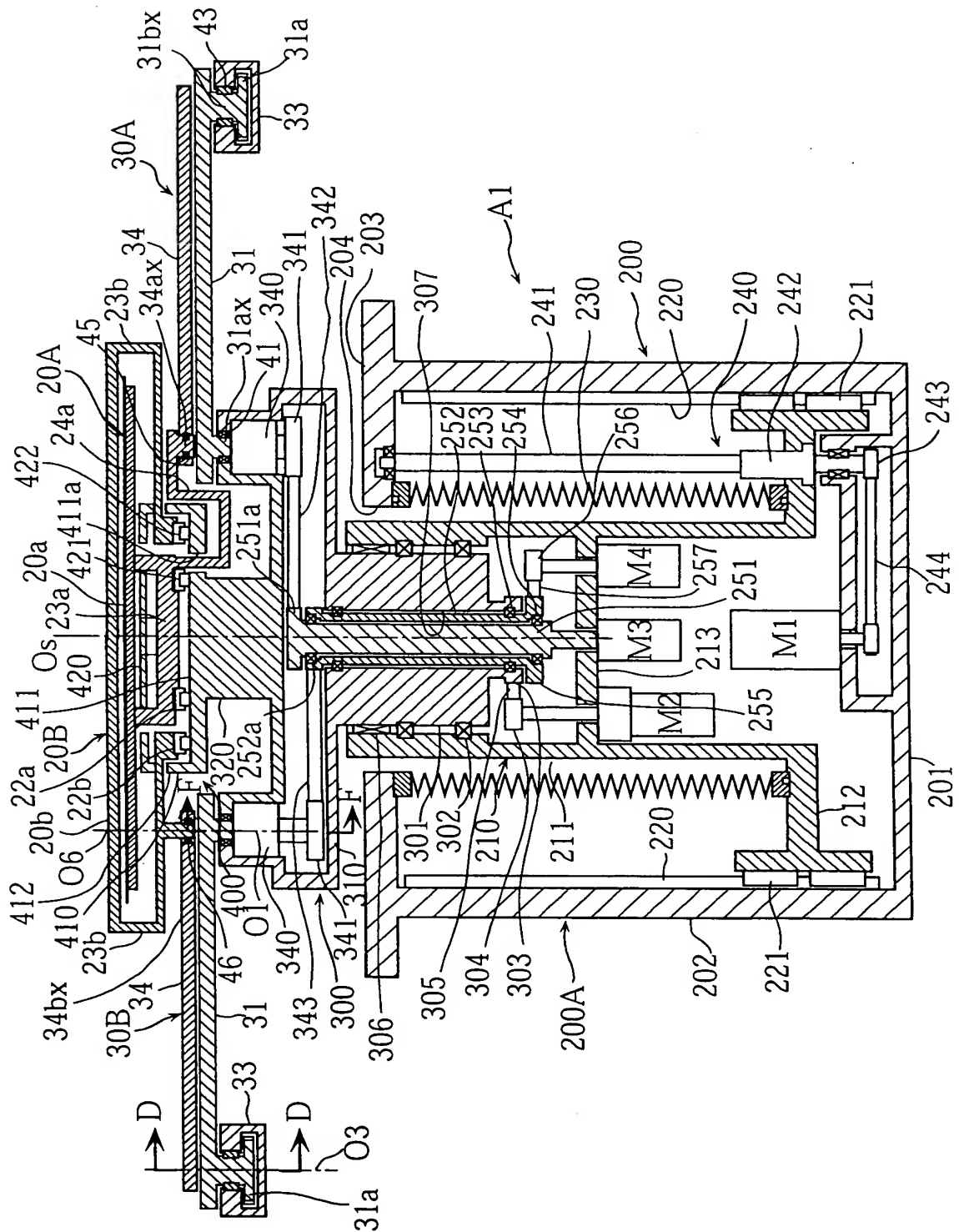


FIG.22

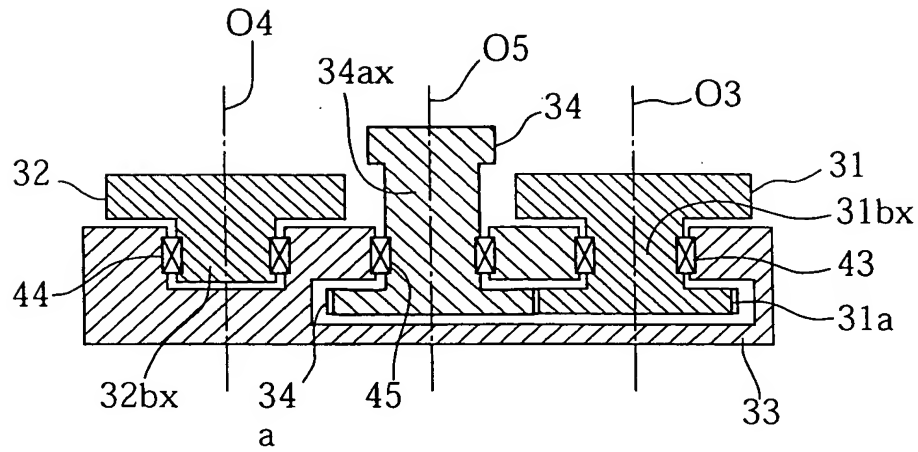


FIG.23

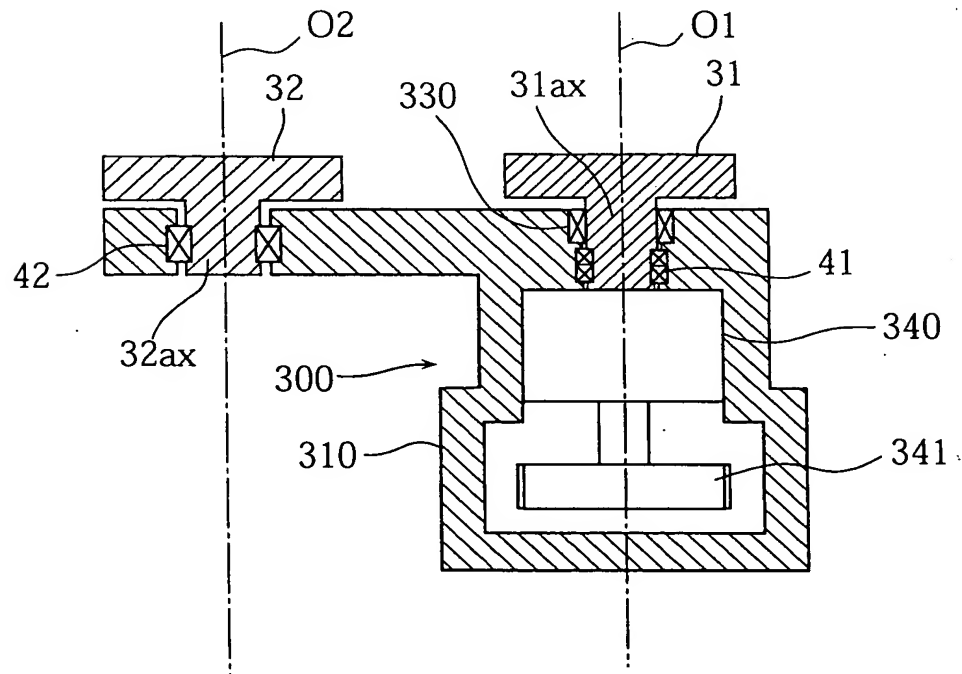
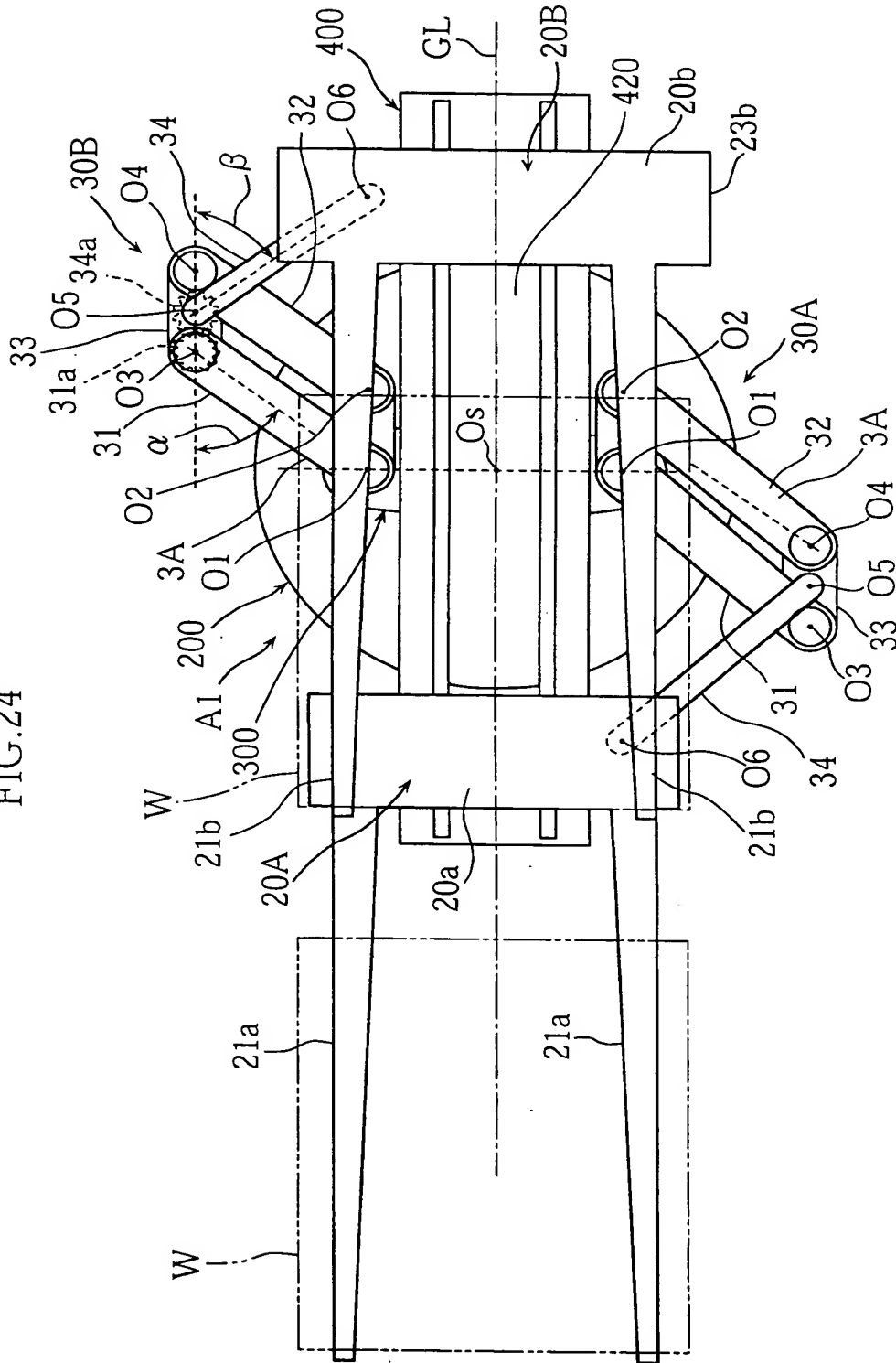
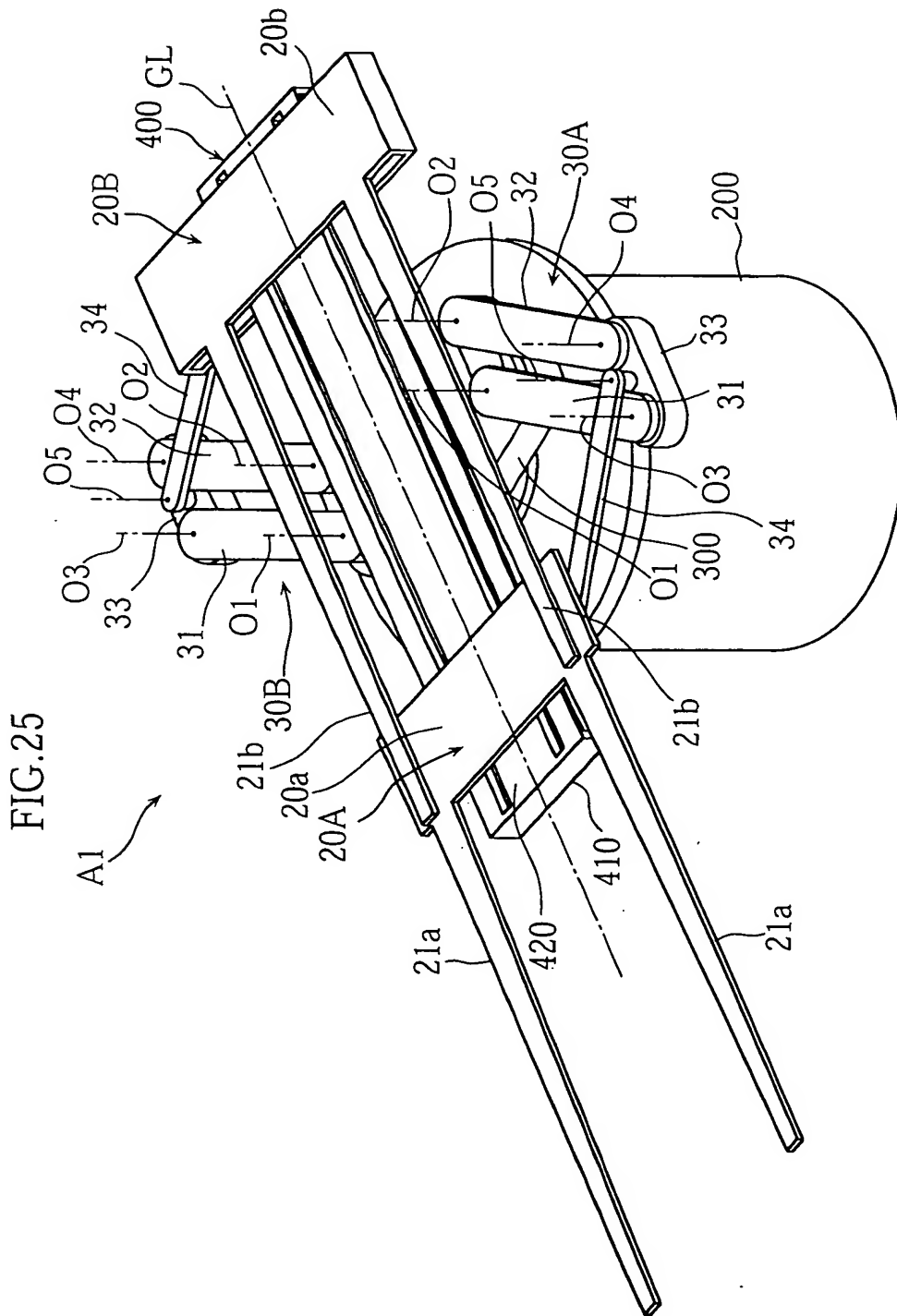
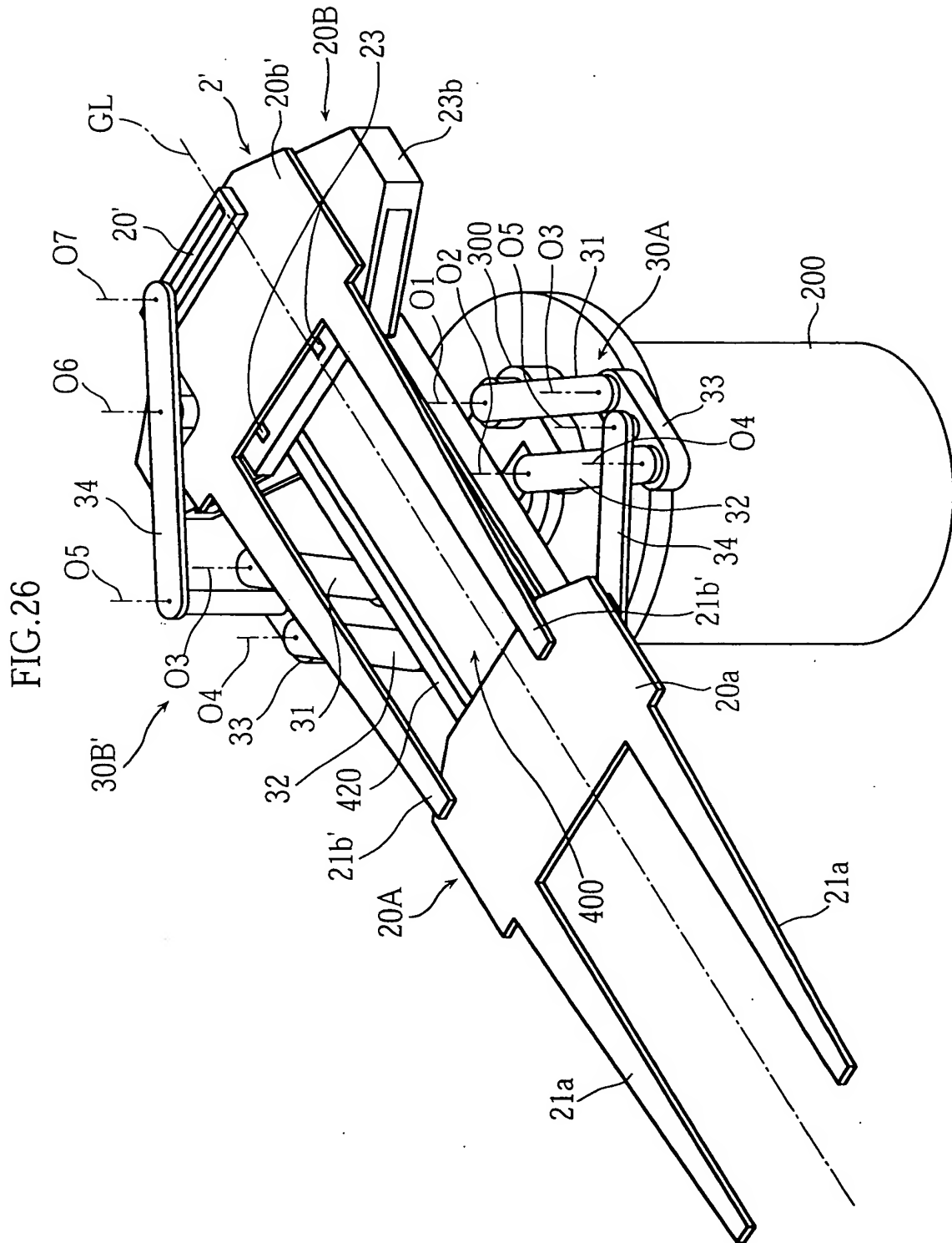
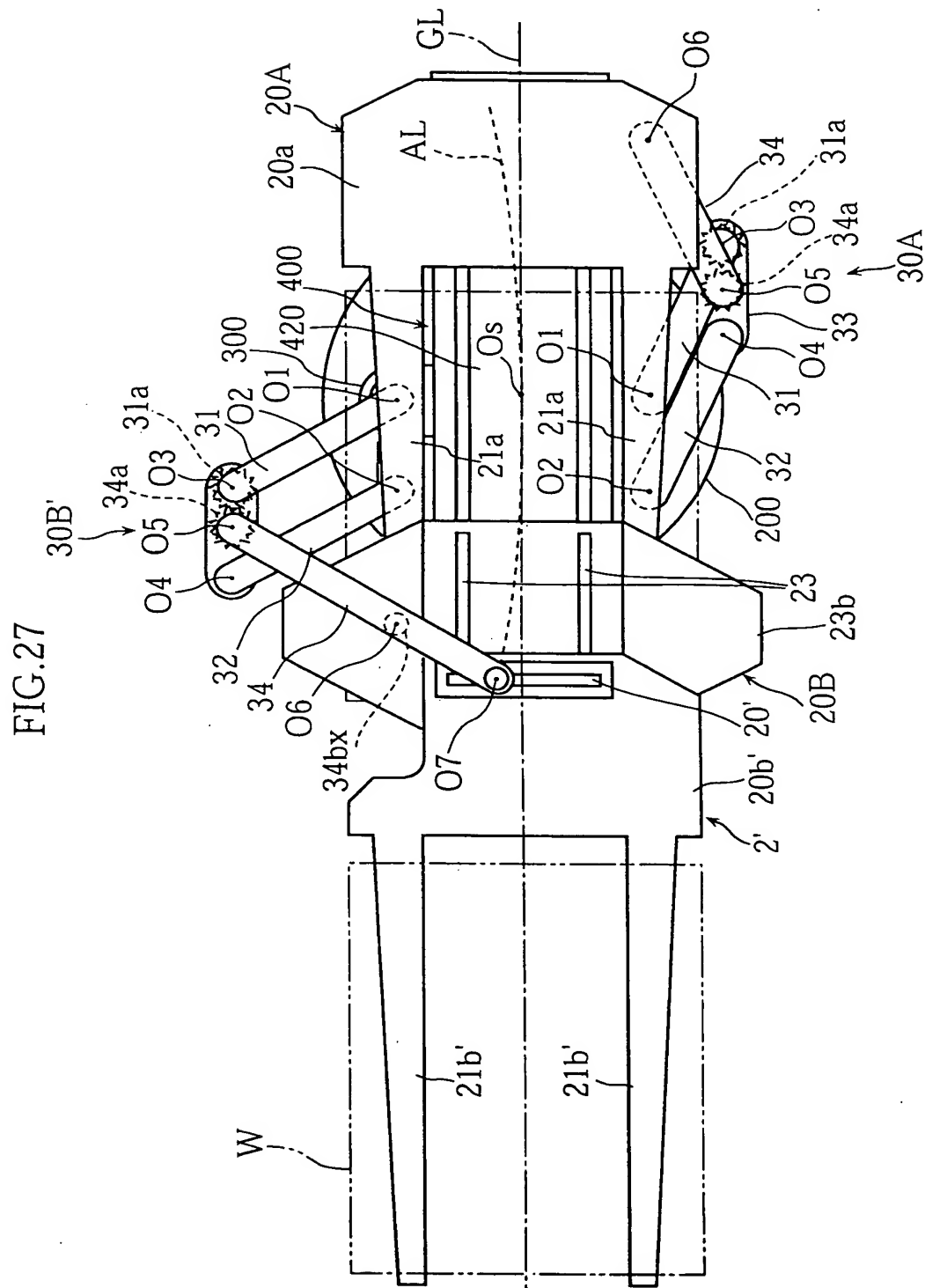


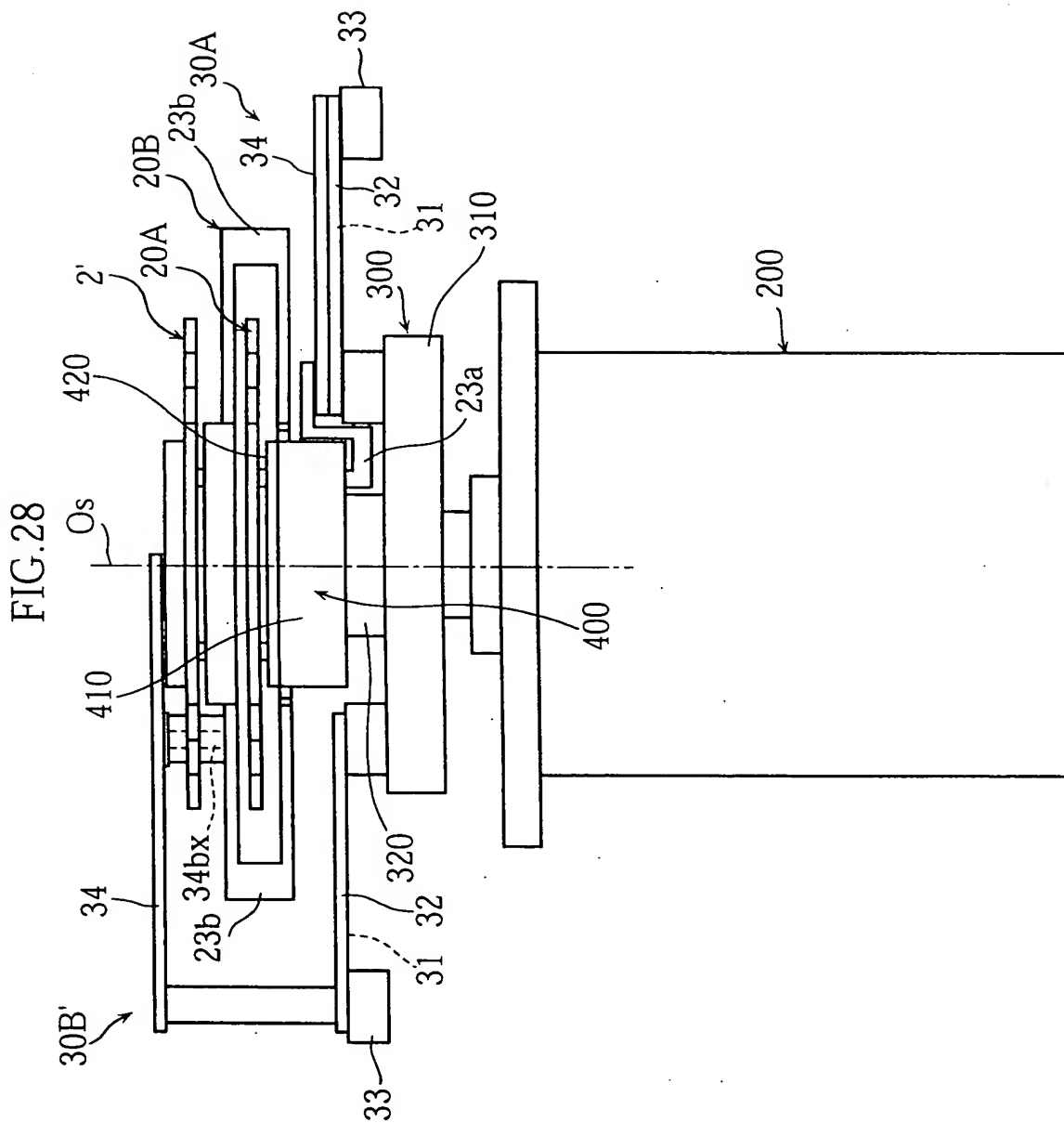
FIG. 24











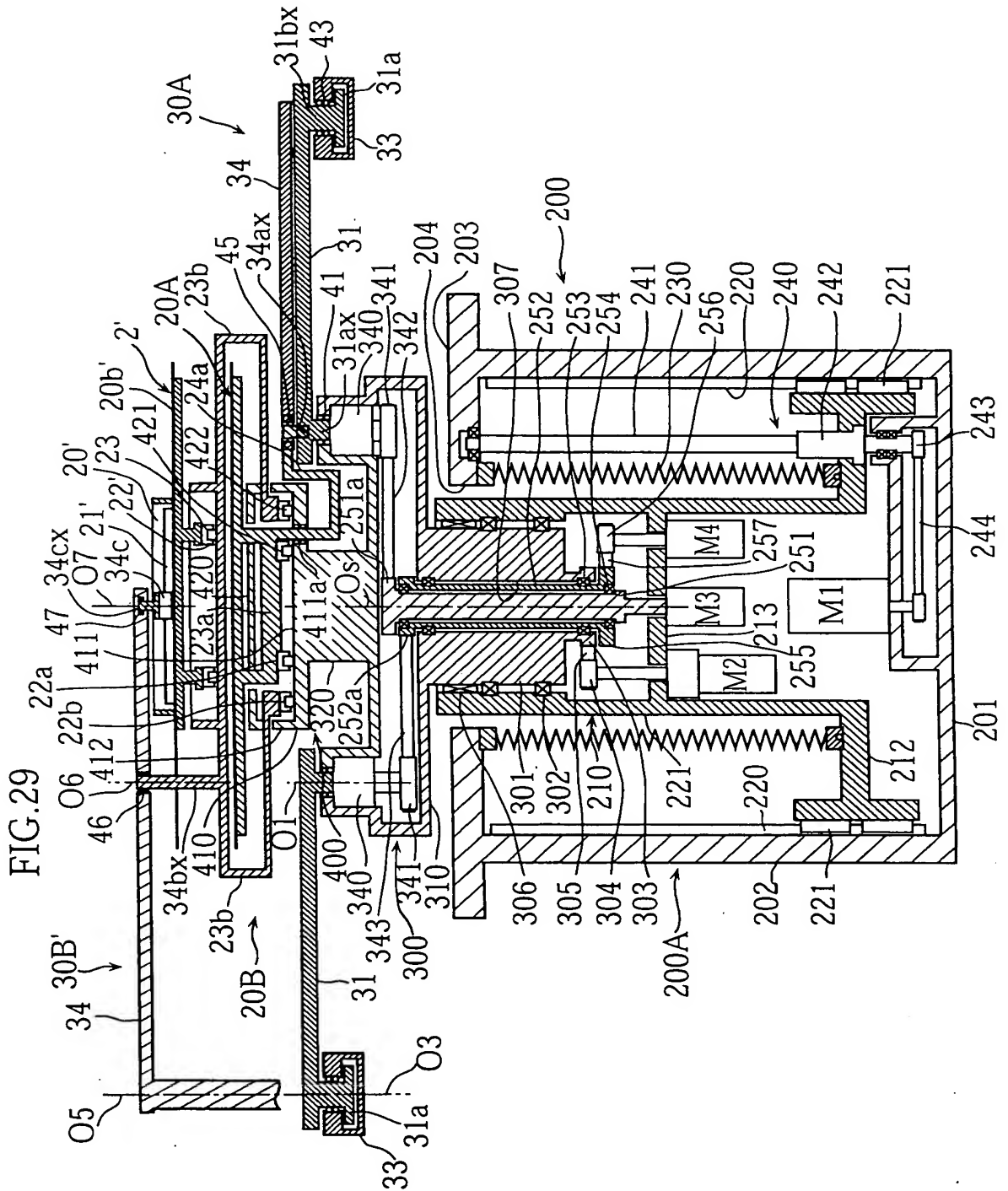


FIG.30A

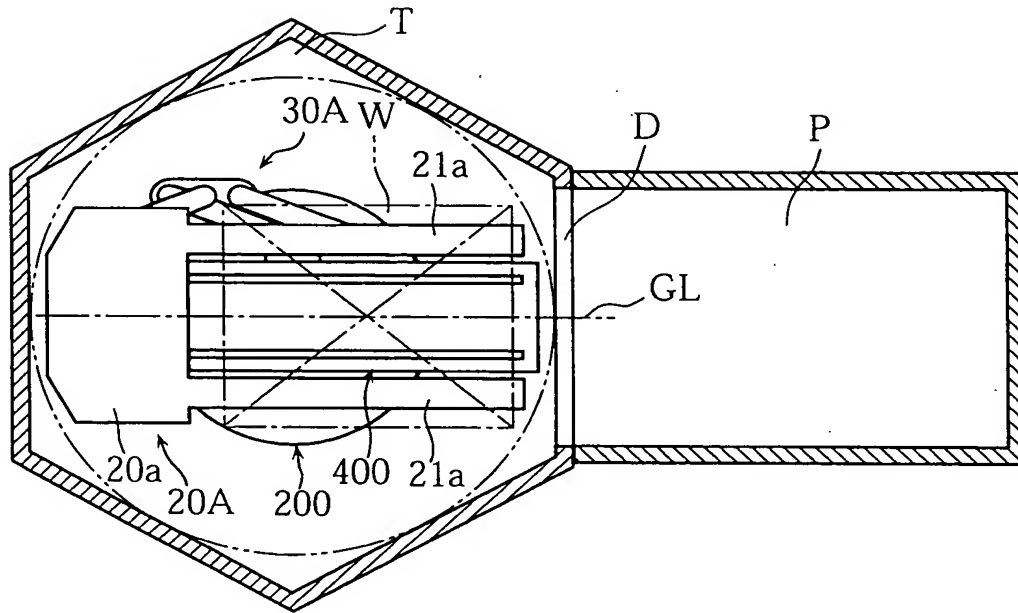


FIG.30B

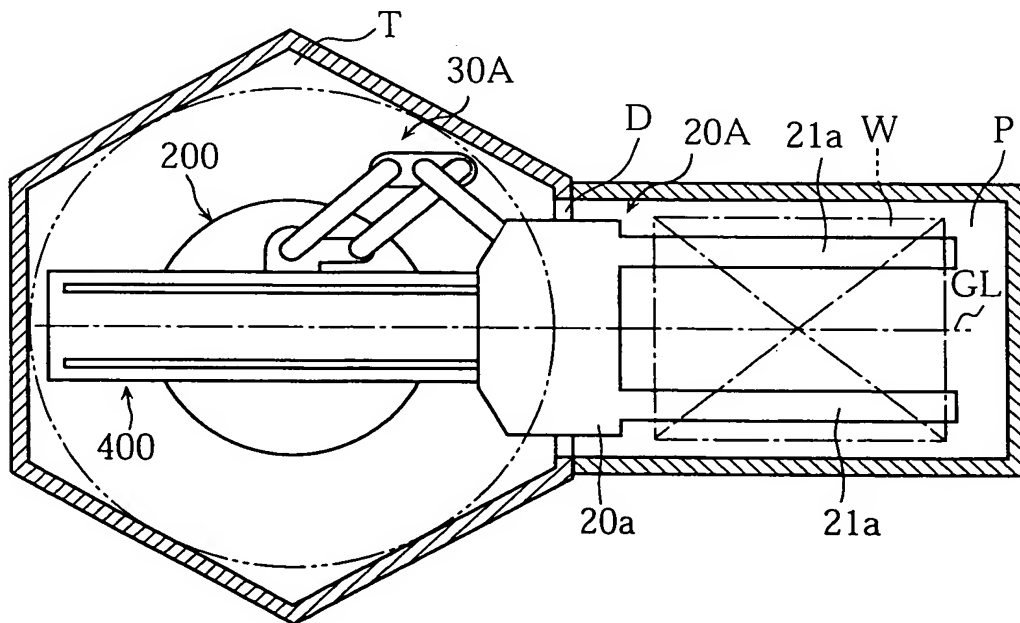


FIG.31A

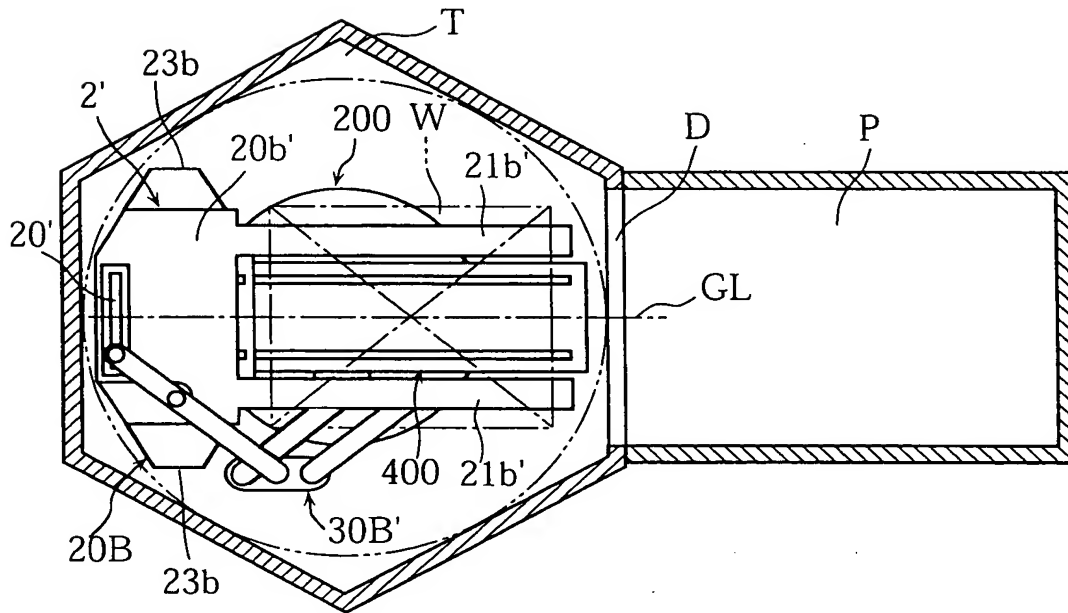


FIG.31B

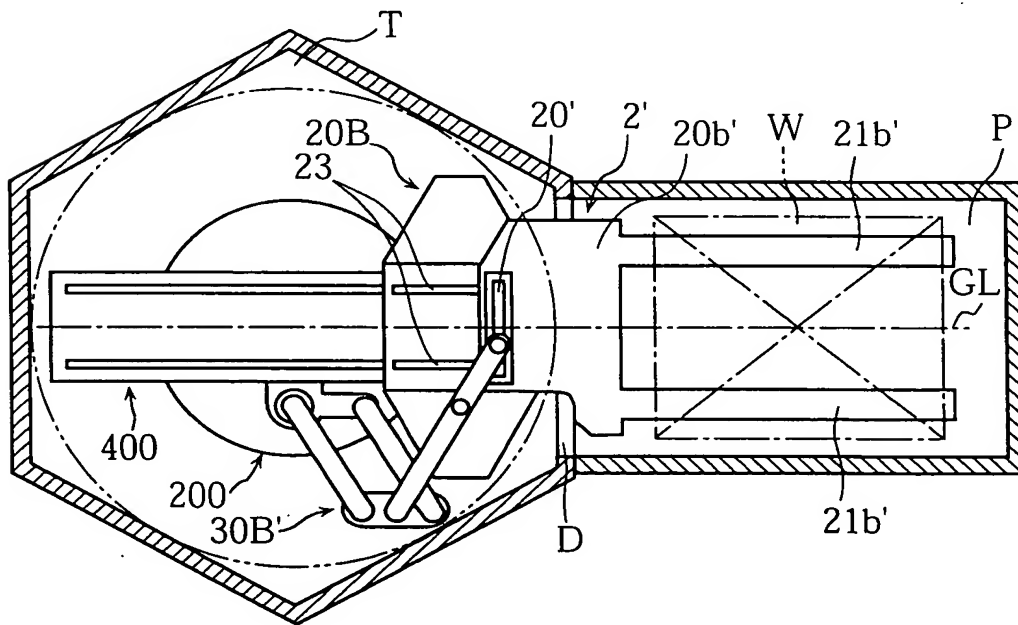


FIG.32

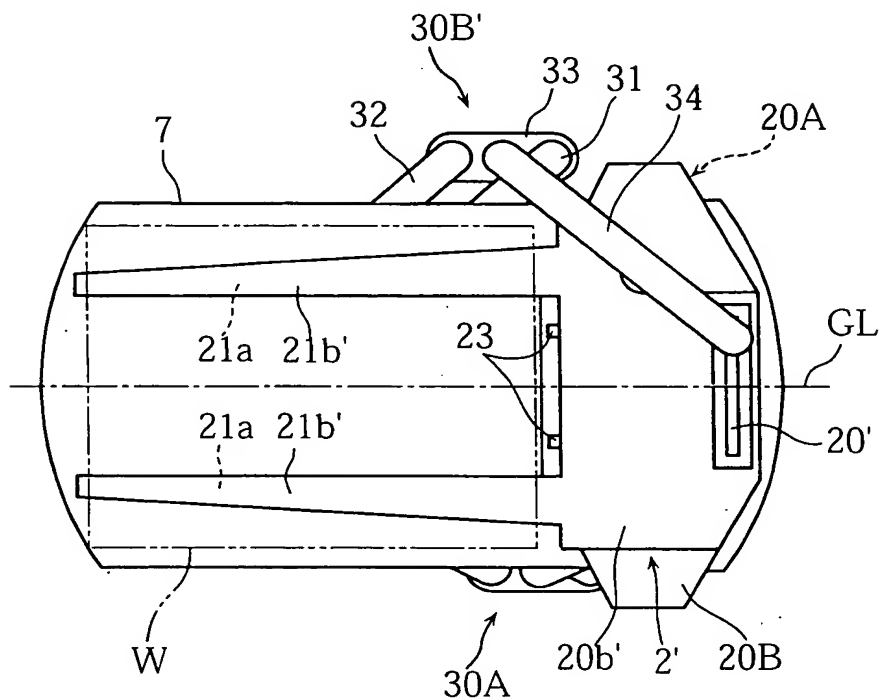


FIG.33

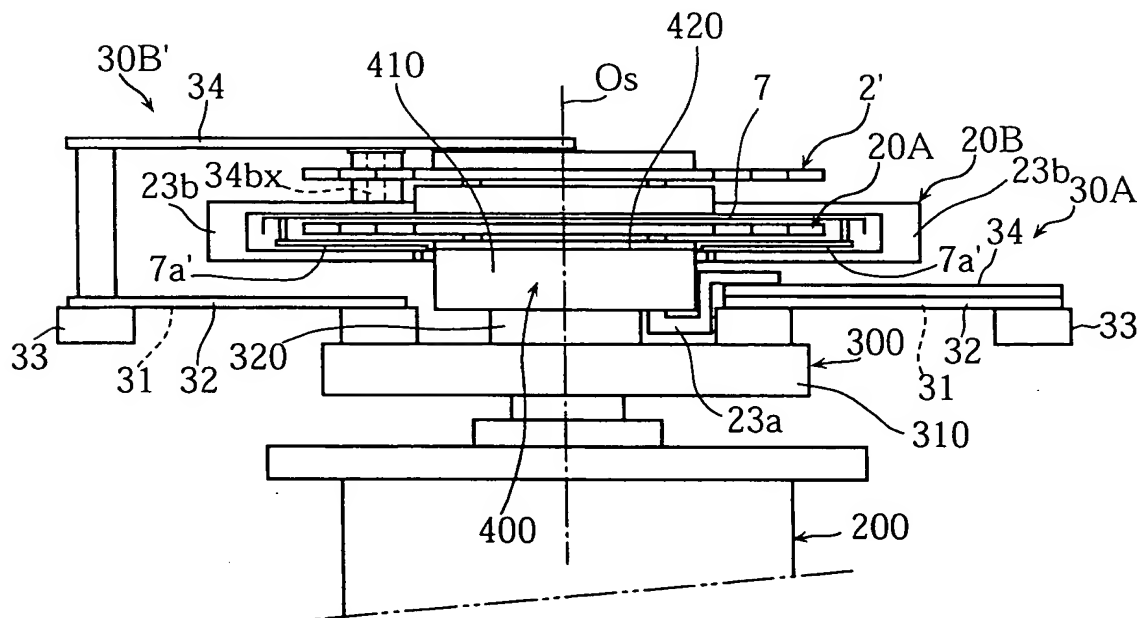


FIG.34A

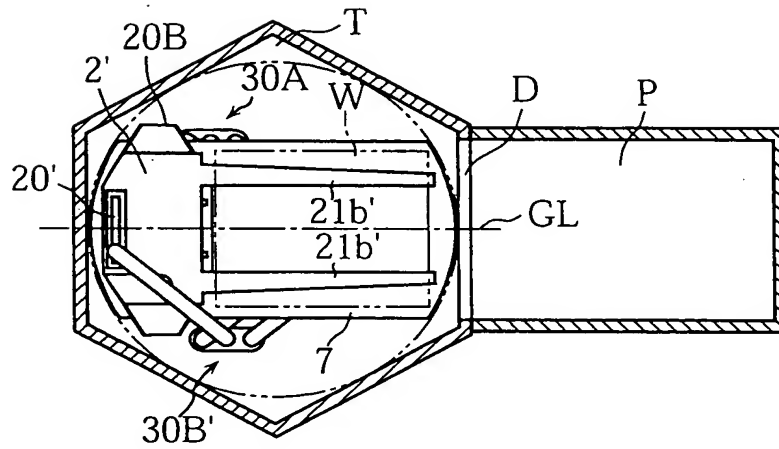


FIG.34B

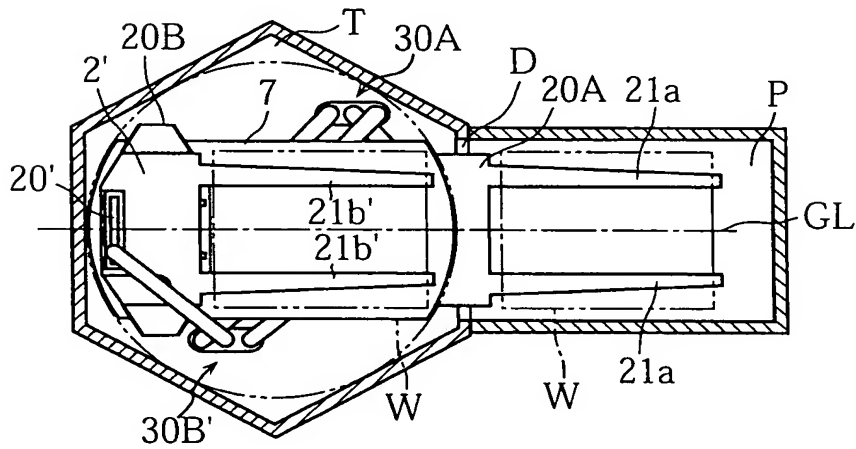


FIG.34C

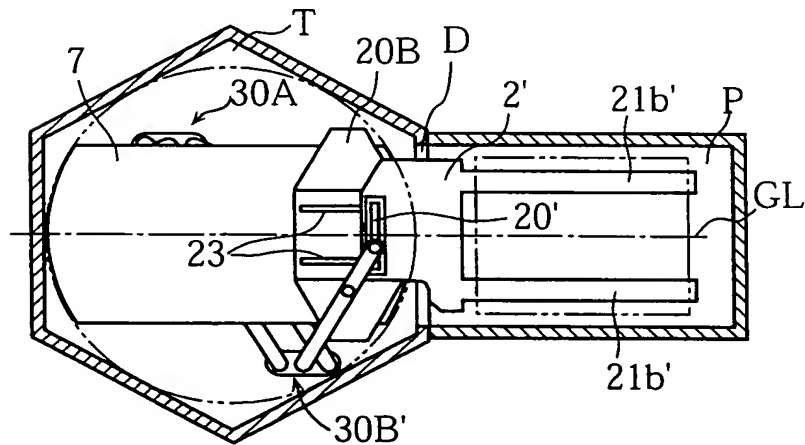


FIG.35A
Forwarded Position

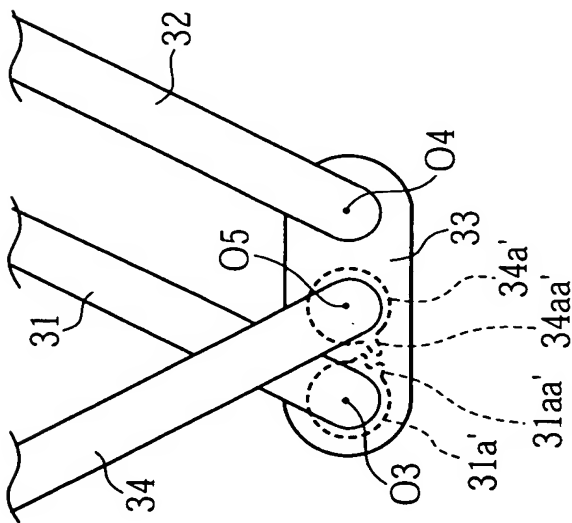


FIG.35B
Near Change Point

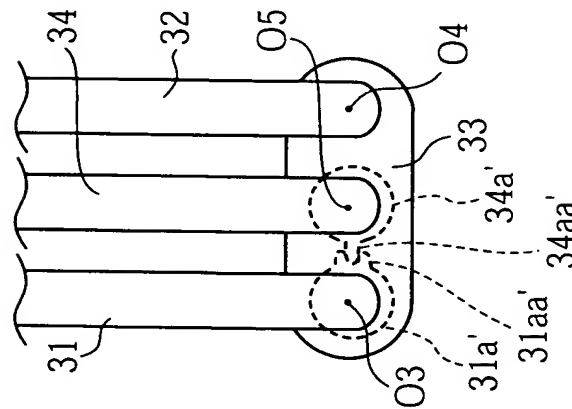


FIG.35C
Retracted Position

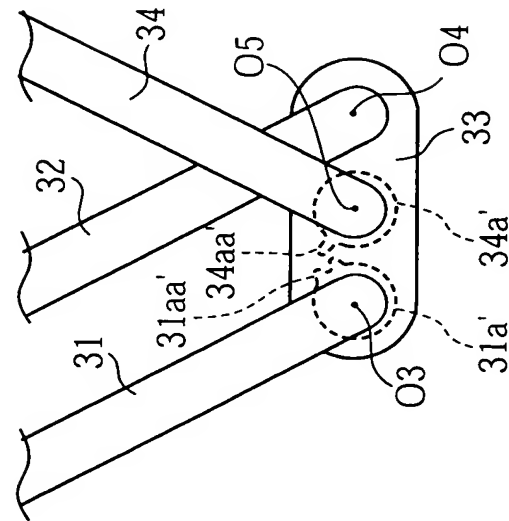


FIG.36
Related Art

